

## Audubon County, Iowa

| Map symbol and<br>map unit name   | Component     | Hydric | Local landform | Hydric soils criteria      |                                 |                               |                              | Acres  |
|---|---------------|--------|----------------|----------------------------|---------------------------------|-------------------------------|------------------------------|--------|
|   |               |        |                | Hydric<br>criteria<br>code | Meets<br>saturation<br>criteria | Meets<br>flooding<br>criteria | Meets<br>ponding<br>criteria |        |
| 1C3:<br>IDA SILT LOAM, 5 TO 9<br>PERCENT SLOPES,<br>SEVERELY ERODED                 | IDA           | No     | ---            | ---                        | ---                             | ---                           | ---                          | 508    |
|   | ADAIR         | No     | ---            | ---                        | ---                             | ---                           | ---                          | 16     |
|   | CLARINDA      | Yes    | ridge          | 2B3                        | YES                             | NO                            | NO                           | 16     |
| 7B:<br>WIOTA SILTY CLAY LOAM,<br>1 TO 4 PERCENT SLOPES                              | WIOTA         | No     | ---            | ---                        | ---                             | ---                           | ---                          | 110    |
| 8B:<br>JUDSON SILTY CLAY<br>LOAM, 2 TO 5 PERCENT<br>SLOPES                          | JUDSON        | No     | ---            | ---                        | ---                             | ---                           | ---                          | 3,316  |
|   | COLO          | Yes    | flood plain    | 2B3                        | YES                             | NO                            | NO                           | 174    |
| 8C:<br>JUDSON SILTY CLAY<br>LOAM, 5 TO 9 PERCENT<br>SLOPES                          | JUDSON        | No     | ---            | ---                        | ---                             | ---                           | ---                          | 765    |
| 9:<br>MARSHALL SILTY CLAY<br>LOAM, 0 TO 2 PERCENT<br>SLOPES                         | MARSHALL      | No     | ---            | ---                        | ---                             | ---                           | ---                          | 622    |
|   | CONCAVE AREAS | No     | ---            | ---                        | ---                             | ---                           | ---                          | 33     |
| 9B:<br>MARSHALL SILTY CLAY<br>LOAM, 2 TO 5 PERCENT<br>SLOPES                        | MARSHALL      | No     | ---            | ---                        | ---                             | ---                           | ---                          | 9,216  |
|   | ADAIR         | No     | ---            | ---                        | ---                             | ---                           | ---                          | 307    |
|   | CLARINDA      | Yes    | ridge          | 2B3                        | YES                             | NO                            | NO                           | 307    |
|   | DICKINSON     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 205    |
|   | LAMONI        | No     | ---            | ---                        | ---                             | ---                           | ---                          | 205    |
| 9B2:<br>MARSHALL SILTY CLAY<br>LOAM, 2 TO 5 PERCENT<br>SLOPES, MODERATELY<br>ERODED | MARSHALL      | No     | ---            | ---                        | ---                             | ---                           | ---                          | 13,612 |
|   | ADAIR         | No     | ---            | ---                        | ---                             | ---                           | ---                          | 302    |
|   | CLARINDA      | Yes    | ridge          | 2B3                        | YES                             | NO                            | NO                           | 302    |
|   | IDA           | No     | ---            | ---                        | ---                             | ---                           | ---                          | 302    |
|   | LAMONI        | No     | ---            | ---                        | ---                             | ---                           | ---                          | 302    |
|   | SHELBY        | No     | ---            | ---                        | ---                             | ---                           | ---                          | 302    |



## Hydric Soils List

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Audubon County, Iowa

| Map symbol and map unit name   | Component | Hydric | Local landform | Hydric soils criteria |                           |                         |                        | Acres  |
|--|-----------|--------|----------------|-----------------------|---------------------------|-------------------------|------------------------|--------|
|  |           |        |                | Hydric criteria code  | Meets saturation criteria | Meets flooding criteria | Meets ponding criteria |        |
| 9C2:<br>MARSHALL SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED   | ADAIR     | No     | ---            | ---                   | ---                       | ---                     | ---                    | 43     |
|  | CLARINDA  | Yes    | ridge          | 2B3                   | YES                       | NO                      | NO                     | 43     |
|  | DICKINSON | No     | ---            | ---                   | ---                       | ---                     | ---                    | 22     |
|  | IDA       | No     | ---            | ---                   | ---                       | ---                     | ---                    | 22     |
|  | LAMONI    | No     | ---            | ---                   | ---                       | ---                     | ---                    | 22     |
|  | SHELBY    | No     | ---            | ---                   | ---                       | ---                     | ---                    | 22     |
|  | MARSHALL  | No     | ---            | ---                   | ---                       | ---                     | ---                    | 35,730 |
|  | ADAIR     | No     | ---            | ---                   | ---                       | ---                     | ---                    | 794    |
|  | CLARINDA  | Yes    | ridge          | 2B3                   | YES                       | NO                      | NO                     | 794    |
|  | IDA       | No     | ---            | ---                   | ---                       | ---                     | ---                    | 794    |
|  | LAMONI    | No     | ---            | ---                   | ---                       | ---                     | ---                    | 794    |
|  | SHELBY    | No     | ---            | ---                   | ---                       | ---                     | ---                    | 794    |
| 9D2:<br>MARSHALL SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED  | MARSHALL  | No     | ---            | ---                   | ---                       | ---                     | ---                    | 40,563 |
|  | ADAIR     | No     | ---            | ---                   | ---                       | ---                     | ---                    | 901    |
|  | CLARINDA  | Yes    | hill           | 2B3                   | YES                       | NO                      | NO                     | 901    |
|  | DICKINSON | No     | ---            | ---                   | ---                       | ---                     | ---                    | 901    |
|  | IDA       | No     | ---            | ---                   | ---                       | ---                     | ---                    | 901    |
|  | LAMONI    | No     | ---            | ---                   | ---                       | ---                     | ---                    | 451    |
|  | SHELBY    | No     | ---            | ---                   | ---                       | ---                     | ---                    | 451    |
|  | MARSHALL  | No     | ---            | ---                   | ---                       | ---                     | ---                    | 5,966  |
|  | DICKINSON | No     | ---            | ---                   | ---                       | ---                     | ---                    | 130    |
|  | IDA       | No     | ---            | ---                   | ---                       | ---                     | ---                    | 130    |
|  | ADAIR     | No     | ---            | ---                   | ---                       | ---                     | ---                    | 65     |
|  | CLARINDA  | Yes    | hill           | 2B3                   | YES                       | NO                      | NO                     | 65     |
| 9E2:<br>MARSHALL SILTY CLAY LOAM, 14 TO 20 PERCENT SLOPES, MODERATELY ERODED | MARSHALL  | No     | ---            | ---                   | ---                       | ---                     | ---                    | 5,966  |
|  | DICKINSON | No     | ---            | ---                   | ---                       | ---                     | ---                    | 130    |
|  | IDA       | No     | ---            | ---                   | ---                       | ---                     | ---                    | 130    |
|  | ADAIR     | No     | ---            | ---                   | ---                       | ---                     | ---                    | 65     |
|  | CLARINDA  | Yes    | hill           | 2B3                   | YES                       | NO                      | NO                     | 65     |

|  |        |    |     |     |     |     |     |     |    |  |
|--|--------|----|-----|-----|-----|-----|-----|-----|----|--|
|  |        |    |     |     |     |     |     |     |    |  |
|  | LAMONI | No | --- | --- | --- | --- | --- | --- | 65 |  |
|  | SHELBY | No | --- | --- | --- | --- | --- | --- | 65 |  |

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|---|-----------|--------|----------------|----------------------------|---------------------------------|-------------------------------|------------------------------|--------|
|   |           |        |                | Hydric<br>criteria<br>code | Meets<br>saturation<br>criteria | Meets<br>flooding<br>criteria | Meets<br>ponding<br>criteria |        |
| 9E3:<br>MARSHALL SILTY CLAY<br>LOAM, 14 TO 20<br>PERCENT SLOPES,<br>SEVERELY ERODED | MARSHALL  | No     | ---            | ---                        | ---                             | ---                           | ---                          | 897    |
|   | DICKINSON | No     | ---            | ---                        | ---                             | ---                           | ---                          | 20     |
|   | IDA       | No     | ---            | ---                        | ---                             | ---                           | ---                          | 20     |
|   | ADAIR     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 10     |
|   | CLARINDA  | Yes    | hill           | 2B3                        | YES                             | NO                            | NO                           | 10     |
|   | LAMONI    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 10     |
|   | SHELBY    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 10     |
| 11B:<br>JUDSON-COLO-ACKMORE<br>COMPLEX, 2 TO 5<br>PERCENT SLOPES                    | JUDSON    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 17,978 |
|   | COLO      | Yes    | flood plain    | 2B3                        | YES                             | NO                            | NO                           | 16,344 |
|   | ACKMORE   | No     | ---            | ---                        | ---                             | ---                           | ---                          | 13,620 |
|   | OLMITZ    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 4,358  |
|   | ZOOK      | Yes    | flood plain    | 2B3                        | YES                             | NO                            | NO                           | 2,179  |
| 24C3:<br>SHELBY CLAY LOAM, 5 TO<br>9 PERCENT SLOPES,<br>SEVERELY ERODED             | SHELBY    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 684    |
|   | ADAIR     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 14     |
|   | CLARINDA  | Yes    | ridge          | 2B3                        | YES                             | NO                            | NO                           | 14     |
|   | DICKINSON | No     | ---            | ---                        | ---                             | ---                           | ---                          | 7      |
| 24D2:<br>SHELBY CLAY LOAM, 9 TO<br>14 PERCENT SLOPES,<br>MODERATELY ERODED          | SHELBY    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 3,420  |
|   | ADAIR     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 152    |
|   | CLARINDA  | Yes    | hill           | 2B3                        | YES                             | NO                            | NO                           | 152    |
|   | DICKINSON | No     | ---            | ---                        | ---                             | ---                           | ---                          | 76     |
| 24D3:<br>SHELBY CLAY LOAM, 9 TO<br>14 PERCENT SLOPES,<br>SEVERELY ERODED            | SHELBY    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 1,422  |
|   | ADAIR     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 63     |

|  |           |     |      |     |     |     |     |    |
|--|-----------|-----|------|-----|-----|-----|-----|----|
|  | CLARINDA  | Yes | hill | 2B3 | YES | NO  | NO  | 63 |
|  | DICKINSON | No  | ---  | --- | --- | --- | --- | 32 |

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|---|-----------|--------|----------------|----------------------------|---------------------------------|-------------------------------|------------------------------|-------|
|   |           |        |                | Hydric<br>criteria<br>code | Meets<br>saturation<br>criteria | Meets<br>flooding<br>criteria | Meets<br>ponding<br>criteria |       |
| 24E3:<br>SHELBY CLAY LOAM, 14<br>TO 18 PERCENT SLOPES,<br>SEVERELY ERODED         | SHELBY    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 5,728 |
|   | ADAIR     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 181   |
|   | CLARINDA  | Yes    | hill           | 2B3                        | YES                             | NO                            | NO                           | 121   |
| 24F3:<br>SHELBY CLAY LOAM, 18<br>TO 25 PERCENT SLOPES,<br>SEVERELY ERODED         | SHELBY    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 2,418 |
|   | CLARINDA  | Yes    | hill           | 2B3                        | YES                             | NO                            | NO                           | 127   |
| 54:<br>ZOOK SILTY CLAY LOAM,<br>0 TO 2 PERCENT SLOPES                             | ZOOK      | Yes    | flood plain    | 2B3                        | YES                             | NO                            | NO                           | 6,206 |
|   | WABASH    | Yes    | flood plain    | 2B3                        | YES                             | NO                            | NO                           | 690   |
| 71D:<br>DICKMAN-MARSHALL<br>COMPLEX, 9 TO 14<br>PERCENT SLOPES                    | DICKMAN   | No     | ---            | ---                        | ---                             | ---                           | ---                          | 229   |
|   | MARSHALL  | No     | ---            | ---                        | ---                             | ---                           | ---                          | 150   |
|   | ADAIR     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 8     |
|   | CLARINDA  | Yes    | hill           | 2B3                        | YES                             | NO                            | NO                           | 4     |
|   | SHELBY    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 4     |
| 93D2:<br>SHELBY-ADAIR COMPLEX,<br>9 TO 14 PERCENT<br>SLOPES, MODERATELY<br>ERODED | SHELBY    | Yes    | ---            | 2B3                        | YES                             | NO                            | NO                           | 5,098 |
|   | ADAIR     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 3,708 |
|   | CLARINDA  | Yes    | hill           | 2B3                        | YES                             | NO                            | NO                           | 185   |
|   | DICKINSON | No     | ---            | ---                        | ---                             | ---                           | ---                          | 185   |
|   | LAMONI    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 93    |
| 93D3:<br>SHELBY-ADAIR COMPLEX,<br>9 TO 14 PERCENT<br>SLOPES, SEVERELY<br>ERODED   | SHELBY    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 2,563 |
|   | ADAIR     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 1,864 |
|   | CLARINDA  | Yes    | hill           | 2B3                        | YES                             | NO                            | NO                           | 140   |
|   | DICKINSON | No     | ---            | ---                        | ---                             | ---                           | ---                          | 47    |

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| LAMONI  
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|--|-----------|--------|----------------|----------------------------|---------------------------------|-------------------------------|------------------------------|--------|
|  |           |        |                | Hydric<br>criteria<br>code | Meets<br>saturation<br>criteria | Meets<br>flooding<br>criteria | Meets<br>ponding<br>criteria |        |
| 93E2:<br>SHELBY-ADAIR COMPLEX,<br>14 TO 18 PERCENT<br>SLOPES, MODERATELY<br>ERODED | SHELBY    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 3,282  |
|  | ADAIR     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 1,914  |
|  | CLARINDA  | Yes    | hill           | 2B3                        | YES                             | NO                            | NO                           | 274    |
| 93E3:<br>SHELBY-ADAIR COMPLEX,<br>14 TO 18 PERCENT<br>SLOPES, SEVERELY<br>ERODED   | SHELBY    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 2,730  |
|  | ADAIR     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 1,729  |
|  | CLARINDA  | Yes    | hill           | 2B3                        | YES                             | NO                            | NO                           | 46     |
|  | DICKINSON | No     | ---            | ---                        | ---                             | ---                           | ---                          | 46     |
| 99C2:<br>EXIRA SILTY CLAY LOAM,<br>5 TO 9 PERCENT<br>SLOPES, MODERATELY<br>ERODED  | EXIRA     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 5,064  |
|  | ADAIR     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 53     |
|  | CLARINDA  | Yes    | ridge          | 2B3                        | YES                             | NO                            | NO                           | 53     |
|  | DICKINSON | No     | ---            | ---                        | ---                             | ---                           | ---                          | 53     |
|  | LAMONI    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 53     |
|  | SHELBY    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 53     |
| 99D2:<br>EXIRA SILTY CLAY LOAM,<br>9 TO 14 PERCENT<br>SLOPES, MODERATELY<br>ERODED | EXIRA     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 16,872 |
|  | ADAIR     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 178    |
|  | DICKINSON | No     | ---            | ---                        | ---                             | ---                           | ---                          | 178    |
|  | IDA       | No     | ---            | ---                        | ---                             | ---                           | ---                          | 178    |
|  | LAMONI    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 178    |
|  | SHELBY    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 178    |
| 99D3:<br>EXIRA SILTY CLAY LOAM,<br>9 TO 14 PERCENT<br>SLOPES, SEVERELY<br>ERODED   | EXIRA     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 1,325  |

|           |     |      |     |     |     |     |    |
|-----------|-----|------|-----|-----|-----|-----|----|
| ADAIR     | No  | ---  | --- | --- | --- | --- | 14 |
| CLARINDA  | Yes | hill | 2B3 | YES | NO  | NO  | 14 |
| DICKINSON | No  | ---  | --- | --- | --- | --- | 14 |

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|---|-----------|----------|----------------|----------------------------|---------------------------------|-------------------------------|------------------------------|-------|
|   |           |          |                | Hydric<br>criteria<br>code | Meets<br>saturation<br>criteria | Meets<br>flooding<br>criteria | Meets<br>ponding<br>criteria |       |
| 99E2:<br>EXIRA SILTY CLAY LOAM,<br>14 TO 18 PERCENT<br>SLOPES, MODERATELY<br>ERODED | LAMONI    | No       | ---            | ---                        | ---                             | ---                           | ---                          | 14    |
|   | SHELBY    | No       | ---            | ---                        | ---                             | ---                           | ---                          | 14    |
|   | EXIRA     | No       | ---            | ---                        | ---                             | ---                           | ---                          | 1,986 |
|   | ADAIR     | No       | ---            | ---                        | ---                             | ---                           | ---                          | 21    |
|   | CLARINDA  | Yes      | hill           | 2B3                        | YES                             | NO                            | NO                           | 21    |
|   | IDA       | No       | ---            | ---                        | ---                             | ---                           | ---                          | 21    |
|   | LAMONI    | No       | ---            | ---                        | ---                             | ---                           | ---                          | 21    |
|   | SHELBY    | No       | ---            | ---                        | ---                             | ---                           | ---                          | 21    |
| 133:<br>COLO SILTY CLAY LOAM,<br>0 TO 2 PERCENT SLOPES                              | COLO      | Yes      | flood plain    | 2B3                        | YES                             | NO                            | NO                           | 7,380 |
| 179E:<br>GARA LOAM, 14 TO 18<br>PERCENT SLOPES                                      | GARA      | No       | ---            | ---                        | ---                             | ---                           | ---                          | 518   |
|   | ADAIR     | No       | ---            | ---                        | ---                             | ---                           | ---                          | 22    |
| 179F:<br>GARA LOAM, 18 TO 25<br>PERCENT SLOPES                                      | GARA      | No       | ---            | ---                        | ---                             | ---                           | ---                          | 634   |
|   | CLARINDA  | Unranked | ---            | ---                        | ---                             | ---                           | ---                          | 26    |
| 179G:<br>GARA LOAM, 25 TO 40<br>PERCENT SLOPES                                      | GARA      | No       | ---            | ---                        | ---                             | ---                           | ---                          | 547   |
|   | OTHER     | ---      | ---            | ---                        | ---                             | ---                           | ---                          | 23    |
| 192C2:<br>ADAIR CLAY LOAM, 5 TO<br>9 PERCENT SLOPES,<br>MODERATELY ERODED           | ADAIR     | No       | ---            | ---                        | ---                             | ---                           | ---                          | 608   |
|   | SHELBY    | No       | ---            | ---                        | ---                             | ---                           | ---                          | 19    |
|   | IDA       | No       | ---            | ---                        | ---                             | ---                           | ---                          | 13    |
| 192D2:<br>ADAIR CLAY LOAM, 9 TO<br>14 PERCENT SLOPES,<br>MODERATELY ERODED          | ADAIR     | No       | ---            | ---                        | ---                             | ---                           | ---                          | 2,097 |
|   | SHELBY    | No       | ---            | ---                        | ---                             | ---                           | ---                          | 43    |
| 192D3:  |           |          |                |                            |                                 |                               |                              |       |

|                       |        |    |     |     |     |     |     |     |
|-----------------------|--------|----|-----|-----|-----|-----|-----|-----|
| ADAIR CLAY LOAM, 9 TO | ADAIR  | No | --- | --- | --- | --- | --- | 290 |
| 14 PERCENT SLOPES,    |        |    |     |     |     |     |     |     |
| SEVERELY ERODED       |        |    |     |     |     |     |     |     |
|                       |        |    |     |     |     |     |     |     |
|                       | SHELBY | No | --- | --- | --- | --- | --- | 15  |

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|--|-----------|--------|----------------|----------------------------|---------------------------------|-------------------------------|------------------------------|-------|
|  |           |        |                | Hydric<br>criteria<br>code | Meets<br>saturation<br>criteria | Meets<br>flooding<br>criteria | Meets<br>ponding<br>criteria |       |
| 212:<br>KENNEBEC SILT LOAM, 0<br>TO 2 PERCENT SLOPES                                   | KENNEBEC  | No     | ---            | ---                        | ---                             | ---                           | ---                          | 1,188 |
|  | COLO      | Yes    | flood plain    | 2B3                        | YES                             | NO                            | NO                           | 62    |
| 220:<br>NODAWAY SILT LOAM, 0<br>TO 2 PERCENT SLOPES                                    | NODAWAY   | No     | ---            | ---                        | ---                             | ---                           | ---                          | 2,494 |
|  | OTHER     | Yes    | flood plain    | 4,2B3                      | YES                             | YES                           | NO                           | 131   |
| 222D2:<br>CLARINDA SILTY CLAY<br>LOAM, 9 TO 14 PERCENT<br>SLOPES, MODERATELY<br>ERODED | CLARINDA  | Yes    | hill           | 2B3                        | YES                             | NO                            | NO                           | 768   |
|  | LAMONI    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 25    |
|  | SHELBY    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 25    |
|  | DICKINSON | No     | ---            | ---                        | ---                             | ---                           | ---                          | 17    |
| 248:<br>WABASH SILTY CLAY<br>LOAM, 0 TO 1 PERCENT<br>SLOPES                            | WABASH    | Yes    | flood plain    | 2B3,3                      | YES                             | NO                            | YES                          | 740   |
| 268C:<br>KNOX SILT LOAM, 5 TO 9<br>PERCENT SLOPES                                      | KNOX      | No     | ---            | ---                        | ---                             | ---                           | ---                          | 270   |
| 268D:<br>KNOX SILT LOAM, 9 TO<br>14 PERCENT SLOPES                                     | KNOX      | No     | ---            | ---                        | ---                             | ---                           | ---                          | 252   |
|  | ADAIR     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 8     |
|  | DICKINSON | No     | ---            | ---                        | ---                             | ---                           | ---                          | 5     |
| 268E:<br>KNOX SILT LOAM, 14 TO<br>18 PERCENT SLOPES                                    | KNOX      | No     | ---            | ---                        | ---                             | ---                           | ---                          | 242   |
|  | DICKINSON | No     | ---            | ---                        | ---                             | ---                           | ---                          | 13    |
| 268F:<br>KNOX SILT LOAM, 18 TO<br>25 PERCENT SLOPES                                    | KNOX      | No     | ---            | ---                        | ---                             | ---                           | ---                          | 356   |
|  | DICKINSON | No     | ---            | ---                        | ---                             | ---                           | ---                          | 11    |
|  | SHELBY    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 8     |
| 273C:<br>OLMITZ LOAM, 5 TO 9<br>PERCENT SLOPES   | OLMITZ    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 675   |



## Hydric Soils List

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HYDRIC SOIL INTERPRETATIONS

Audubon County, Iowa

| Map symbol and<br>map unit name  | Component     | Hydric | Local landform | Hydric soils criteria      |                                 |                               |                              | Acres |
|--|---------------|--------|----------------|----------------------------|---------------------------------|-------------------------------|------------------------------|-------|
|  |               |        |                | Hydric<br>criteria<br>code | Meets<br>saturation<br>criteria | Meets<br>flooding<br>criteria | Meets<br>ponding<br>criteria |       |
| 370B2:<br>SHARPSBURG SILTY CLAY<br>LOAM, 2 TO 5 PERCENT<br>SLOPES, MODERATELY<br>ERODED  | SHARPSBURG    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 608   |
|  | DICKINSON     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 32    |
| 370C:<br>SHARPSBURG SILTY CLAY<br>LOAM, 5 TO 9 PERCENT<br>SLOPES                         | SHARPSBURG    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 226   |
|  | SHELBY        | No     | ---            | ---                        | ---                             | ---                           | ---                          | 7     |
|  | DICKINSON     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 2     |
| 370C2:<br>SHARPSBURG SILTY CLAY<br>LOAM, 5 TO 9 PERCENT<br>SLOPES, MODERATELY<br>ERODED  | SHARPSBURG    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 1,677 |
|  | ADAIR         | No     | ---            | ---                        | ---                             | ---                           | ---                          | 53    |
|  | CLARINDA      | Yes    | ridge          | 2B3                        | YES                             | NO                            | NO                           | 35    |
| 370D2:<br>SHARPSBURG SILTY CLAY<br>LOAM, 9 TO 14 PERCENT<br>SLOPES, MODERATELY<br>ERODED | SHARPSBURG    | No     | ---            | ---                        | ---                             | ---                           | ---                          | 1,282 |
|  | DICKINSON     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 27    |
|  | SHELBY        | No     | ---            | ---                        | ---                             | ---                           | ---                          | 27    |
| 430:<br>ACKMORE SILT LOAM, 0<br>TO 2 PERCENT SLOPES                                      | ACKMORE       | No     | ---            | ---                        | ---                             | ---                           | ---                          | 6,027 |
|  | COLO          | Yes    | flood plain    | 2B3                        | YES                             | NO                            | NO                           | 123   |
| 509:<br>MARSHALL SILTY CLAY<br>LOAM, BENCHES, 0 TO 2<br>PERCENT SLOPES                   | MARSHALL      | No     | ---            | ---                        | ---                             | ---                           | ---                          | 646   |
|  | CONCAVE AREAS | No     | ---            | ---                        | ---                             | ---                           | ---                          | 34    |
| 509B:<br>MARSHALL SILTY CLAY<br>LOAM, BENCHES, 2 TO 5<br>PERCENT SLOPES                  | MARSHALL      | No     | ---            | ---                        | ---                             | ---                           | ---                          | 1,501 |
|  | DICKINSON     | No     | ---            | ---                        | ---                             | ---                           | ---                          | 79    |
| 509C2:<br>MARSHALL SILTY CLAY<br>LOAM, BENCHES, 5 TO 9                                   | MARSHALL      | No     | ---            | ---                        | ---                             | ---                           | ---                          | 323   |

|                                      |    |     |     |     |     |     |  |  |    |
|--------------------------------------|----|-----|-----|-----|-----|-----|--|--|----|
| PERCENT SLOPES,<br>MODERATELY ERODED |    |     |     |     |     |     |  |  |    |
| DICKINSON                            | No | --- | --- | --- | --- | --- |  |  | 17 |



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| Map symbol and<br>map unit name  | Component    | Hydric   | Local landform | Hydric soils criteria      |                                 |                               |                              | Acres |
|--|--------------|----------|----------------|----------------------------|---------------------------------|-------------------------------|------------------------------|-------|
|  |              |          |                | Hydric<br>criteria<br>code | Meets<br>saturation<br>criteria | Meets<br>flooding<br>criteria | Meets<br>ponding<br>criteria |       |
| 822D2:<br>LAMONI SILTY CLAY<br>LOAM, 9 TO 14 PERCENT<br>SLOPES, MODERATELY<br>ERODED | LAMONI       | No       | ---            | ---                        | ---                             | ---                           | ---                          | 255   |
| 980G:<br>GULLIED LAND-JUDSON<br>COMPLEX, 2 TO 40<br>PERCENT SLOPES                   | GULLIED LAND | Unranked | ---            | ---                        | ---                             | ---                           | ---                          | 276   |
|  | JUDSON       | No       | ---            | ---                        | ---                             | ---                           | ---                          | 52    |
|  | ACKMORE      | Yes      | drainageway    | 2B3                        | YES                             | NO                            | NO                           | 10    |
|  | COLO         | Yes      | drainageway    | 2B3                        | YES                             | NO                            | NO                           | 7     |
| 5010:<br>PITS, SAND AND GRAVEL   | PITS         | Unranked | ---            | ---                        | ---                             | ---                           | ---                          | 200   |
| 5040:<br>ORTHENTS, LOAMY   | ORTHENTS     | Unranked | ---            | ---                        | ---                             | ---                           | ---                          | 261   |
|  | DUMPS        | No       | ---            | ---                        | ---                             | ---                           | ---                          | 14    |
| W:<br>WATER  | WATER        | Unranked | ---            | ---                        | ---                             | ---                           | ---                          | 330   |